

CLAIMS

What is claimed is:

1. A property sheet system comprising:
a property sheet data structure including a plurality of property names, a plurality of non-modifiable parameters and a plurality of modifiable parameters, wherein each respective property name included in the property sheet data structure is associated with a non-modifiable parameter and optionally a modifiable parameter; and
a user interface to display contents of the property sheet data structure, the user interface to receive inputs to select and modify a parameter associated with the property sheet data structure.
2. The property sheet system of claim 1, wherein the property sheet data structure is associated with one or more components contained within a clustered system.
3. The property sheet system of claim 1, wherein the user interface comprises:
a first dialog box to display contents of the property sheet data structure, the first dialog box including a plurality of entry rows, the entry rows including a first column to display names of corresponding properties, a second column to display configuration parameters associated with the corresponding properties and a third column to indicate if the configuration parameters are default or custom parameters; and
a second dialog box to receive input to modify a custom parameter.
4. The property sheet system of claim 3, wherein the second dialog box further includes a name field to display a name of a corresponding property and a default field to display a default configuration parameter associated with the corresponding property.
5. The property sheet system of claim 4, wherein the second dialog box further includes a data type field to display the data type associated with corresponding property.

6. A method comprising:
 - providing a property sheet associated with a component contained within a clustered system, the property sheet including a plurality of configuration parameters, each parameter associated with a name, a default parameter and optionally a custom parameter;
 - changing the component contained within the clustered system; and
 - selectively updating the parameters included in the property sheet in response to changing the component.
7. The method of claim 6, further comprising:
 - automatically updating a default parameter included in the property sheet with a different default parameter associated with a corresponding property of the component in response to changing the component.
8. The method of claim 6, further comprising:
 - determining if a custom parameter included in the property sheet is valid with the changed component.
9. The method of claim 8, further comprising:
 - deselecting the custom parameter if the custom parameter is not valid with the changed component.
10. The method of claim 6, wherein the cluster includes a plurality of instances.
11. A configuration data content for a cluster including a plurality of instances, the configuration data content comprising:
 - a data structure including files, objects and property sheets, wherein each property sheet defines configuration parameters of a plurality of properties associated with a component contained within the cluster, and at least one property included in the property sheet is defined by a name, a non-modifiable default parameter and a custom parameter.
12. The configuration data content of claim 11, wherein a custom parameter associated with a property is modifiable by receiving and applying a new custom parameter.

13. The configuration data content of claim 11, wherein each property sheet is displayable in a first dialog box, including a plurality of entry rows, each entry row defining a property associated with a component.
14. The configuration data content of claim 11, wherein each entry row of the first dialog box includes a first column to display names of corresponding properties, a second column to display configuration parameters associated with the corresponding properties and a third column to indicate if the configuration parameters are default or custom parameters.
15. The configuration data content of claim 11, wherein the property sheets are included in a configuration data structure containing configuration information associated with the entire cluster.
16. A method comprising:
 - providing a property sheet associated with a component contained within a cluster;
 - displaying contents of the property sheet, the property sheet including non-modifiable parameters and modifiable parameters; and
 - receiving input to select and modify a parameter of the displayed property sheet.
17. The method of claim 16, wherein the displaying contents of a property sheet comprises:
 - providing a number of entry rows;
 - displaying names of corresponding properties in a first column of each entry row;
 - displaying configuration parameters associated with corresponding properties in a second column of each entry row; and
 - indicating if a configuration parameter displayed in the second column is a default parameter or a custom parameter.
18. The method of the claim 16, wherein the property sheet is included in a configuration data structure containing configuration information associated with the cluster.

19. A system comprising:
 - means for displaying contents of a property sheet having a plurality of properties, wherein each of said properties is associated with a property name, a non-modifiable default parameter and optionally a custom parameter; and
 - means for receiving input to select and modify a parameter associated with a property included in the property sheet.
20. The system of claim 19, further comprising:
 - means for receiving input to select between the default parameter and the custom parameter to be applied to a property included in the property sheet.
21. The system of claim 20, wherein the means for displaying further comprises:
 - means for indicating if a configuration parameter displayed by the means for displaying is a default parameter or a custom parameter.
22. The system of claim 19, further comprising:
 - means for selectively updating the parameters included in the property sheet in response to changing of a component.
23. The system of claim 22, further comprising:
 - means for automatically updating a default parameter included in the property sheet with a different default parameter associated with a corresponding property of the changed component.
24. The system of claim 22, further comprising:
 - means for determining if a custom parameter included in the property sheet is valid with the changed component.
25. The system of claim 22, further comprising:
 - means for deselecting a custom parameter if the custom parameter is not valid with the changed component.
26. A machine-readable medium that provides instructions, which when executed by a processor cause the processor to perform operations comprising:

displaying contents of a property sheet data structure, the property sheet data structure including a plurality of property names, a plurality of non-modifiable default parameters and a plurality of custom parameters;

receiving input to select a custom parameter included in the property sheet data structure;

receiving input to modify the selected custom parameter; and

storing the modified custom parameter without changing a default parameter corresponding to the modified custom parameter.

27. The machine-readable medium of claim 26, wherein the operations performed by the processor further comprise:

selectively updating the parameters included in the property sheet data structure in response to changing of a component.

28. The machine-readable medium of claim 27, wherein the operations performed by the processor further comprise:

automatically updating a default parameter included in the property sheet data structure with a different default parameter associated with a corresponding property of the changed component;

determining if a custom parameter included in the property sheet data structure is valid with the changed component; and

deselecting an applied custom parameter if the applied custom parameter is not valid with the changed component.